

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S6	256	348/371.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/29 14:34
S2	2865	(ito near2 akira or seki near2 yoichi or nakano near2 yoichi or okuyama near2 hirobumi).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/29 15:05
S3	4	S2 and LED and CCD and (luminance near2 difference)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/29 15:08
S5	2	("6272292").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/29 15:11
S7	532	348/362.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/29 15:30
S8	255	348/364.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/29 16:59
S9	2	("6195127").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 15:11
S10	2	("20010055987").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 15:12
S4	2	("7083538").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 15:20

## EAST Search History

S11	2	("20010019364").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 15:34
S12	2	("6272292").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 15:39
S13	2	("6654062").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 15:41
S14	2	("2002197071").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 15:42
S15	2	("20020197071").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 15:44
S16	2	("6546203").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 15:55
S17	2	("6195127").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 15:56
S18	3	("5504584").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 15:58
S19	2	("20020067422").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 15:59
S21	2	("6368556").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 16:02

## EAST Search History

S20	2	("20040066461").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 16:02
S22	0	("2004/0066461").URPN.	USPAT	OR	ON	2007/01/01 16:10
S23	8	(amir near2 doron).in.	USPAT	OR	ON	2007/01/01 16:11
S24	2	("5860029").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 16:15
S25	10	((("20010019364") or ("5860029") or ("20020197071") or ("6272292") or ("6654062"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 16:27
S26	2	"06224429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:28
S27	2	"06222429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 17:25
S28	86	(flash\$3 or strob\$3 or emit\$4 or emission) same regardless near2 shutter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 17:46
S29	63	preliminary near3 (emit\$3 or emission or flash\$3 or strob\$3) same button same shutter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 18:09
S30	3	"2000002921"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 12:13
S33	1	("7085489").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/02 12:37
S32	2	("7085489").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 12:37

## EAST Search History

S31	19	(pickup or pick adj1 up) near3 mode same (flash\$3 or strob\$3 or illuminat\$3 or emit\$4 or emission) same (regardless or without)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 12:38
S34	326562	(flash\$3 or strob\$3 or illuminat\$3 or emit\$4 or emission) same (low or dark\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 12:39
S36	1106	S34 same S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 12:40
S35	75174	(shutter or release) near3 (switch or button or key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 12:40
S37	1616	348/362-371.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 12:41
S39	5	("2004006461").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 13:00
S38	44	S36 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 13:00
S40	2	("20040066461").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 13:01
S41	2	("6368556").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 13:09
S42	2	("11205666").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 13:39

## EAST Search History

S43	8285	maximum with (amount or quantity or level) with (flash\$3 or strob\$3 or illuminat\$3 or emit\$4 or emission)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 13:40
S44	7	S43 same (preliminary or pre adj1 expos\$3) same (luminance or bright\$3 or intensity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 13:46
S46	5	S45 and 348/370-371.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 13:47
S45	86	S43 same (preliminary or pre adj1 expos\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 13:53
S47	3	("6154612"   "6167202"   "6272292").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/02 14:16
S49	26	S48 and 348/370-371.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 14:18
S50	16	("4367932"   "4460263"   "4717934"   "4843476"   "5006879"   "5111301"   "5155581"   "5202720"   "5227836"   "5400112"   "5438367"   "5550611"   "5786852"   "5808681"   "5860029"   "6195127").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/02 14:20
S52	47	S51 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 14:34
S51	813	S48 same \$5exposure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 14:34
S48	7976	(table or LUT) with (light or flash\$3 or strob\$3 or illuminat\$3) with (amount or quantity or emission or level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 14:38

## EAST Search History

S54	19	S53 and 348/362-371.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 14:39
S53	1108	(table or LUT) with (flash\$3 or strob\$3 or illuminat\$3) with (amount or quantity or emission or emit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 14:46
S56	4675	(table or LUT) near3 (flash\$3 or strob\$3 or illuminat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 14:57
S55	90	(table or LUT) near3 (flash\$3 or strob\$3 or illuminat\$3) near3 (amount or quantity or emission or emit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 14:57
S57	7558	(table or LUT) near3 (flash\$3 or strob\$3 or illuminat\$3 or emit\$4 or emission)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 14:58
S58	20	S57 and 348/370-371.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 16:28
S59	6744	(preliminary or preexpos\$3 or pre adj1 expos\$3) same (flash\$3 or strob\$3 or illuminat\$3 or emit\$4 or emission)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 16:31
S60	251	S59 same repeat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 16:32
S62	211	S59 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 16:36
S61	34	S60 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 16:36

## EAST Search History

S64	524	348/370-371.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 17:39
S1	7	("1318669").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 17:39
S66	111625	maximum near4 (amount or quantity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 17:40
S69	18	("5049997"   "5051766"   "5136312"   "5305046"   "5406391"   "5420635"   "5621462"   "5963254"   "5966175"   "5969761"   "6204881"   "6426775"   "6441856"   "6570620").PN. OR ("6654062").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/02 17:47
S68	2	("6654062").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 17:47
S67	35	S64 and S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/02 17:47
S71	113	nhan near1 tran	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/02 18:26
S70	11	("3868701"   "4833541"   "5019911"   "5097340"   "5260738"   "5400074"   "5410225"   "5459511"   "5473374"   "5486861"   "5602614").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/02 18:26
S72	5	("4760418"   "5448331"   "6271883"   "6498900"   "6700614").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/02 18:28
S74	4	("4534634"   "6404987"   "6718135"   "6987931").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/02 18:50

## EAST Search History

S73	60	(preliminary or preexpos\$3 or pre adj1 expos\$3) with (maximum or full) near4 emission	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 10:11
S75	5346	(flash\$3 or strob\$3 or illuminat\$3 or emit\$3 or emission) same ((without or no or "not") near4 (flash\$3 or strob\$3 or illuminat\$3 or emit\$3 or emission)) same compar\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 10:14
S76	52	S75 and 348/362-371.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 10:45
S78	15831	automatic\$4 near4 (flash\$3 or strob\$3 or emit\$3 or emission or illuminat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 10:46
S77	314897	(bright\$3 or luminance or intensity or light\$3) near4 (low or below or under)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 10:46
S81	66	S79 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 10:48
S79	658	S77 same S78	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 10:48
S80	1	S79 same (regardless or without) near2 (button or switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 11:04
S82	3	S79 same ((maximum or full) near3 (quantity or amount or emission))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 11:09
S84	2	("5666503").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 12:08



## EAST Search History

S83	2	09/859272	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 12:08
S85	2	("20010019364").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/18 16:24
L1	130097	(maximum or full) near3 (quantity or amount or emission or flash or strobe)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 07:47
L2	90690	(luminance or brightness or lightness or intensity) near4 (low or below or under\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 07:48
L3	641	1 same 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 07:49
L4	47	3 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 08:10
L5	5476	396/155-206.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 08:13
L7	2	("20010019364").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 08:46
L6	21	5 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 08:46